

# Multiply Numbers in Scientific Notation #1

▶▶ Find each product. Write your answer in scientific notation.



1.

$$(4 \times 10^2)(1.5 \times 10^2) = \underline{6 \times 10^4}$$

2.

$$(3 \times 10^3)(2.8 \times 10^4) = \underline{8.4 \times 10^7}$$

3.

$$(2.1 \times 10^8)(4.6 \times 10^5) = \underline{9.66 \times 10^{13}}$$

4.

$$(5.9 \times 10^7)(1.6 \times 10^9) = \underline{9.44 \times 10^{16}}$$

5.

$$(3.7 \times 10^4)(9 \times 10^2) = \underline{3.33 \times 10^7}$$

6.

$$(3.1 \times 10^{-2})(8.36 \times 10^6) = \underline{2.5916 \times 10^5}$$

7.

$$(4.5 \times 10^{-7})(6.7 \times 10^5) = \underline{3.015 \times 10^{-1}}$$

8.

$$(2.75 \times 10^3)(7.9 \times 10^8) = \underline{2.1725 \times 10^{12}}$$

9.

$$(1.37 \times 10^{-5})(6.3 \times 10^{-2}) = \underline{8.631 \times 10^{-7}}$$

10.

$$(9.27 \times 10^{-6})(4.8 \times 10^{-9}) = \underline{4.4496 \times 10^{-14}}$$